

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 10559-311US1	Application No. 10/070,008
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Gilbert Wolrich et al.	
		Filing Date July 3, 2002	Group Art Unit 2183

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
<i>h</i>	AA	5,860,085	01/1999	Stormon et al.			
<i>h</i>	AB	6,052,769	04/2000	Huff et al.			
<i>h</i>	AC	6,934,951	08/2005	Wilkinson, III et al.			
<i>h</i>	AD	7,181,594	02/2007	Wilkinson, III et al.			
<i>h</i>	AE	7,191,309	03/2007	Wolrich et al.			
	AF						
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	AH						
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	AJ						
	AK						

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Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AL							
	AM							
	AN							
	AO							
	AP							

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
<i>h</i>	AQ	Heuring et al., <i>Computer Systems Design and Architecture</i> , Reading, MA, Addison Wesley Longman, Inc., pp. 69-71, (1997).
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Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

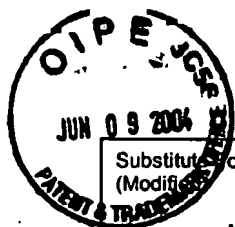
Substitute Form PTO-1449 (Modified) Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 10559-311US1	Application No.
	Applicant Gilbert Wolrich et al.		
	Filing Date February 28, 2002	Group Art Unit	

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Foreign Patent Documents or Published Foreign Patent Applications								
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							Yes	No
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							Yes	No
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Examiner Signature [Handwritten Signature]	Date Considered [Handwritten Signature]
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	



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		Filing Date February 28, 2002	Group Art Unit

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h	AY	Farkas et al., "The multicluster architecture: reducing cycle time through partitioning," IEEE, vol. 30, December 1997, pp. 149-159.
h	AZ	Fillo et al., "The M-Machine Multicomputer," IEEE Proceedings of MICRO-28, 1995, pp. 146-156.
h	AAA	Gomez et al., "Efficient Multithreaded User-Space Transport for Network Computing: Design and Test of the TRAP Protocol," <i>Journal of Parallel and Distributed Computing</i> , Academic Press, Duluth, Minnesota, USA, vol. 40, no. 1, 10 January 1997, pp. 103-117.
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h	AII	Mendelson et al., "Design Alternatives of Multithreaded Architecture," <i>International Journal of Parallel Programming</i> , vol. 27, no. 3, Plenum Press, New York, USA, June 1999, pp. 161-193.
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h	ALL	Tremblay et al., "A Three Dimensional Register File for Superscalar Processors," IEEE Proceedings of the 28 th Annual Hawaii International Conference on System Sciences, 1995, pp. 191-201.
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ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

12/06/04

Title of Invention

BRANCH INSTRUCTION FOR PROCESSOR

Application Number : 10/070008
Confirmation Number: 5753
First Named Applicant: Gilbert Wolrich
Attorney Docket Number: 10559-311US1
Art Unit:
Examiner:



Search string: (6223238 or 6223279 or 6247025 or 6256713 or 6272616 or 6275505 or 6279113 or 6289011 or 6298370 or 6307789 or 6324624 or 6345334 or 6347344 or 6351808 or 6356962 or 6373848 or 6360262 or 6389449 or 6393483 or 6415338 or 6426940 or 6427196 or 6430626 or 6434145 or 6463072 or 6532509 or 6552826 or 6560667 or 6577542 or 6584522 or 6587906 or 6606704 or 6625654 or 6629237 or 6631430 or 6631462 or 6661794 or 6667920 or 6668317 or 6681300 or 6694380 or 4023023 or 5113516 or 5363448 or 5436626 or 5600812 or 5652583 or 5717760 or 4992934 or 5450603).pn

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Note: Applicant is not required to submit a paper copy of cited US Patent Documents

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Signature


Examiner Name	Date
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12/06/04

ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

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Application Number :	10/070008						
Confirmation Number:	5753						
First Named Applicant:	Gilbert Wolrich						
Attorney Docket Number:	10559-311US1						
Art Unit:							
Examiner:							
Search string:	(5937187 or 5938736 or 5940612 or 5940866 or 5946487 or 5948081 or 5951679 or 5958031 or 5961628 or 5970013 or 5978838 or 5983274 or 5996068 or 6002881 or 6012151 or 6014729 or 6023742 or 6058168 or 6058465 or 6067585 or 6070231 or 6072781 or 6073215 or 6076158 or 6079008 or 6079014 or 6085215 or 6085294 or 6092127 or 6092158 or 6092175 or 6112016 or 6115811 or 6134665 or 6141689 or 6141765 or 6144669 or 6145054 or 6157955 or 6160562 or 6182177 or 6195676 or 6199133 or 6201807 or 6212542 or 6212611 or 6216220 or 6223207 or 6009505 or 6029228).pn						
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Note: Applicant is not required to submit a paper copy of cited US Patent Documents							
init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
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Signature

Examiner Name	Date
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ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

12/06/08

Title of Invention

BRANCH INSTRUCTION FOR PROCESSOR

Application Number : 10/070008
Confirmation Number: 5753
First Named Applicant: Gilbert Wolrich
Attorney Docket Number: 10559-311US1



Art Unit:

Examiner:

Search string: (5568617 or 5574922 or 5574939 or 5592622 or 5606676 or 5613071 or 5613136 or 5623489 or 5627829 or 5630130 or 5644623 or 5649157 or 5659722 or 5680641 or 5689566 or 5692167 or 5699537 or 5717898 or 5721870 or 5742587 or 5742782 or 5742822 or 5745913 or 5751987 or 5761507 or 5761522 or 5781774 or 5784649 or 5784712 or 5796413 or 5797043 or 5809235 or 5809530 or 5812839 or 5812868 or 5828746 or 5828863 or 5832215 or 5835755 or 5854922 or 5860158 or 5886992 or 5887134 or 5890208 or 5892979 or 5905876 or 5905889 or 5915123 or 5933627 or 5659687).pn

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Signature

Examiner Name	Date
	

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(3373408 or 3478322 or 3792441 or 3913074 or 3940745 or 4130890 or 4392758 or 4400770 or 4514807 or 4523272 or 4724521 or 4745544 or 4777587 or 4866664 or 5073864 or 5140685 or 5142683 or 5155831 or 5155854 or 5168555 or 5173897 or 5255239 or 5263169 or 5347648 or 5357617 or 5367678 or 5390329 or 5392391 or 5392411 or 5392412 or 5404464 or 5404482 or 5428809 or 5432918 or 5442756 or 5448702 or 5450351 or 5452437 or 5459842 or 5463625 or 5467452 or 5481683 or 5487159 or 5517628 or 5517648 or 5542070 or 5542088 or 5544236 or 5550816 or 5557766 or 20020053017 or 20020056037 or 20030041228 or 20030145159 or 20030191866 or 20040039895 or 20040054880 or 20040071152 or 20040073728 or 20040073778 or 20040098496 or 20040109369 or 20040205747).pn

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init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
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38	5452437	1995-09-19	Richey et al.			
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45	5517648	1996-05-14	Bertone et al.			
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Note: Applicant is not required to submit a paper copy of cited US Published Applications

init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
1	1	20020053017	2002-05-02	Adiletta et al.			
2	2	20020056037	2002-05-09	Wolrich et al.			
3	3	20030041228	2003-02-27	Rosenbluth et al.			
4	4	20030145159	2003-07-31	Adiletta et al.			
5	5	20030191866	2003-10-09	Wolrich et al.			

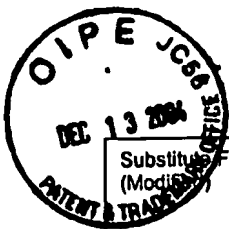
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8	20040071152	2004-04-15	Wolrich et al.			
9	20040073728	2004-04-15	Wolrich et al.			
10	20040073778	2004-04-15	Adiletta et al.			
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12	20040109369	2004-06-10	Wolrich et al.			
13	20040205747	2004-10-14	Bernstein et al.			

Signature

Examiner Name	Date
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Sheet 1 of 1

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 10559-311US1	Application No. 10/070,008
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Gilbert Wolrich et al.	
		Filing Date February 28, 2002	Group Art Unit

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	09/473,571	12/28/1999	Wolrich et al.			
	AB	09/475,614	12/30/1999	Wolrich et al.			
	AC						
	AD						
	AE						
	AF						
	AG						

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AH	WO 01/16697	03/2001	WIPO				
	AI	WO 01/16698	03/2001	WIPO				
	AJ	WO 01/16702	03/2001	WIPO				
	AK	WO 01/16703	03/2001	WIPO				
	AL	WO 01/16714	03/2001	WIPO				
	AM	WO 01/16715	03/2001	WIPO				
	AN	WO 01/16716	03/2001	WIPO				
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Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AS	Paver et al., "Register Locking in Asynchronous Processor Computer Design: VLSI Processors," ICCD '92 Proceedings, IEEE 1992 International Conference, 1992, pp. 351-355.
	AT	Waldspurger et al., "Register Relocation: Flexible Contexts for Multithreading," Proceedings of the 20th Annual International Symposium on Computer Architecture," 1993, pp. 120-130.
	AU	

Examiner Signature 	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Disclosure Form (PTO-1449)

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Sheet 1 of 5

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 10559-311US1	Application No. 10/070,008
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Gilbert Wolrich et al.	
		Filing Date July 3, 2002	Group Art Unit 2183

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
S	AA	2002/0038403	03/2002	Wolrich et al.			
	AB	3,577,189	05/1971	Cocke et al.			
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Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Disclosure Form (PTO-1449)

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Sheet 2 of 5

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 10559-311US1	Application No. 10/070,008
		Applicant Gilbert Wolrich et al.	
		Filing Date July 3, 2002	Group Art Unit 2183

**Information Disclosure Statement
by Applicant**
(Use several sheets if necessary)

(37 CFR §1.98(b))

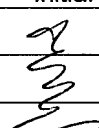
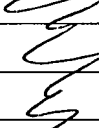
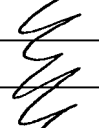
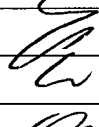
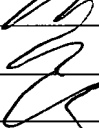
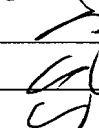

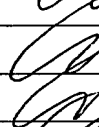
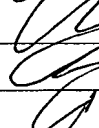
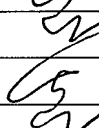
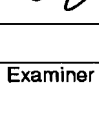
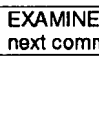

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Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
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	BC	5,680,564	10/1997	Divivier et al.			
	BD	5,748,950	05/1998	White et al.			
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	BK	5,838,975	11/1998	Abramson et al.			
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	BM	5,857,104	01/1999	Natarjan et al.			
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	BO	5,872,963	02/1999	Bitar et al.			
	BP	5,875,470	02/1999	Dreibelbis et al.			
	BQ	5,898,866	04/1999	Atkins et al.			
	BR	5,900,025	05/1999	Sollars			
	BS	5,926,646	07/1999	Pickett et al.			
	BT	5,937,177	08/1999	Molnar et al.			
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	BY	5,993,627	11/1999	Anderson et al.			
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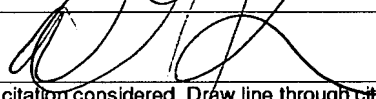
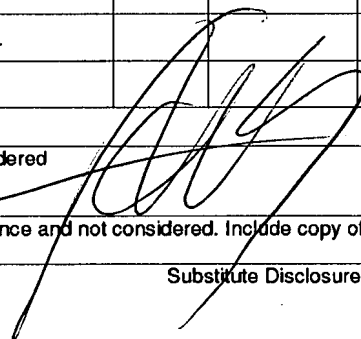
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EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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Sheet 3 of 5

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 10559-311US1	Application No. 10/070,008
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Gilbert Wolrich et al.	
		Filing Date July 3, 2002	Group Art Unit 2183

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	CC	6,101,599	08/2000	Wright et al.			
	CD	6,115,777	09/2000	Zahir et al.			
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	CF	6,141,348	10/2000	Muntz			
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	CH	6,157,988	12/2000	Dowling			
	CI	6,195,739	02/2001	Wright et al.			
	CJ	6,205,468	03/2001	Diepstraten et al.			
	CK	6,223,208	04/2001	Kiefer et al.			
	CL	6,223,277	04/2001	Karguth			
	CM	6,230,119	05/2001	Mitchell			
	CN	6,230,230	05/2001	Joy et al.			
	CO	6,230,261	05/2001	Henry et al.			
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	CR	6,275,508	08/2001	Aggarwal et al.			
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	CU	6,338,133	01/2002	Schroter			
	CV	6,378,124	04/2002	Bates et al.			
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	DB	6,496,847	12/2002	Bugnion et al.			
	DC	6,505,229	01/2003	Turner et al.			

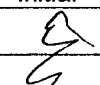
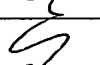
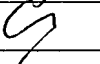
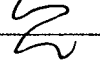
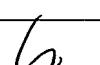
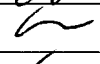
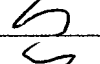
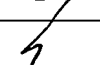
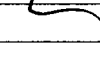
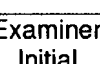
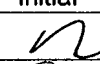
Examiner Signature 	Date Considered 
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

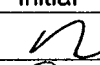
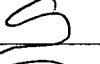
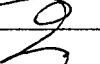
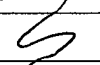

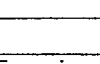
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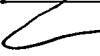
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Sheet 4 of 5

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 10559-311US1	Application No. 10/070,008
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Gilbert Wolrich et al.	
		Filing Date July 3, 2002	Group Art Unit 2183

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	DD	6,523,108	02/2003	James et al.			
	DE	6,543,049	04/2003	Bates et al.			
	DF	6,560,629	05/2003	Harris			
	DG	6,560,671	05/2003	Samra et al.			
	DH	6,564,316	05/2003	Perets et al.			
	DI	6,574,702	06/2003	Khanna et al.			
	DJ	6,697,935	02/2004	Borkenhagen et al.			
	DK	6,862,676	03/2005	Knapp et al.			
	DL	6,976,095	12/2005	Wolrich et al.			
	DM	6,983,350	01/2006	Adiletta et al.			
	DN	7,020,871	03/2006	Bernstein et al.			

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
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	DO	0 130 381	01/1985	Europe				
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	DQ	0 476 628	03/1992	Europe				
	DR	0 696 772	02/1996	Europe				
	DS	WO03/019399	03/2003	WIPO				
	DT	WO03/085517	10/2003	WIPO				

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Examiner Initial	Desig. ID	Document
	DU	"HART, Field Communications Protocol, Application Guide", Hart Communication Foundation, pp. 1-74, (1999).
	DV	Bowden, Romilly, "What is HART?" Romilly's HART® and Fieldbus Web Site, 3 pages, (1997). <URL: http://www.romilly.co.uk/whathart.htm >
	DW	Cheng, et al., "The Compiler for Supporting Multithreading in Cyclic Register Windows", IEEE, pp. 57-62, (1996).

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Disclosure Form (PTO-1449)





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Substitute Form PTO-1449 (Modified) Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 10559-311US1	Application No. 10/070,008
	Applicant Gilbert Wolrich et al.		
	Filing Date July 3, 2002	Group Art Unit 2183	


Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
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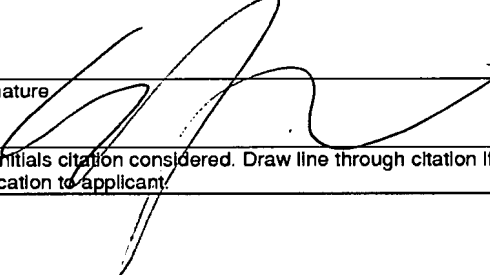
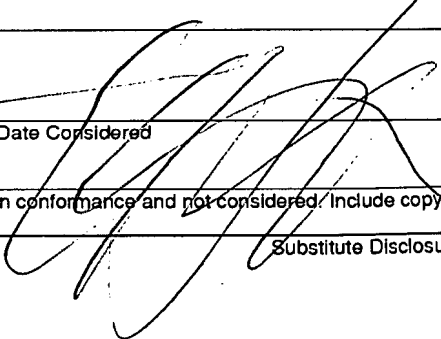
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Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Gilbert Wolrich et al.	
		Filing Date July 3, 2002	Group Art Unit 2183

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
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Foreign Patent Documents or Published Foreign Patent Applications								
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	AL							
	AM							
	AN							
	AO							
	AP							

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AQ	Heuring et al., <i>Computer Systems Design and Architecture</i> , Reading, MA, Addison Wesley Longman, Inc., pp. 69-71, (1997).
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